

(12) **UK Patent Application** (19) **GB** (11) **2 360 350** (13) **A**

(43) Date of A Publication 19.09.2001

(21) Application No 0005981.6

(22) Date of Filing 14.03.2000

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(51) INT CL<sup>7</sup>  
**B60Q 1/26 , B63B 45/04 , B64D 47/06**

(52) UK CL (Edition S )  
**F4R RS R34Y R353 R370 R381 R383 R418 R806**

(56) Documents Cited  
**GB 1432955 A WO 99/17955 A US 5923243 A**  
**US 5337047 A**  
**WPI abstract 1991-370031 & DE004018327A**

(58) Field of Search  
**UK CL (Edition R ) F4R RS**  
**INT CL<sup>7</sup> B60Q 1/26 , B63B 45/04 , B64D 47/06**  
**ONLINE: WPI.EPODOC,JAPIO**

(54) Abstract Title  
**Warning laser beam on vehicles**

(57) A laser beam device is fitted to vehicles such as motor vehicles, marine craft or aircraft in such a way that it may be operated by the driver or person in charge of the vehicle to display a high intensity continuous or intermittent beam for observation by other vehicle users when adverse weather conditions exists.

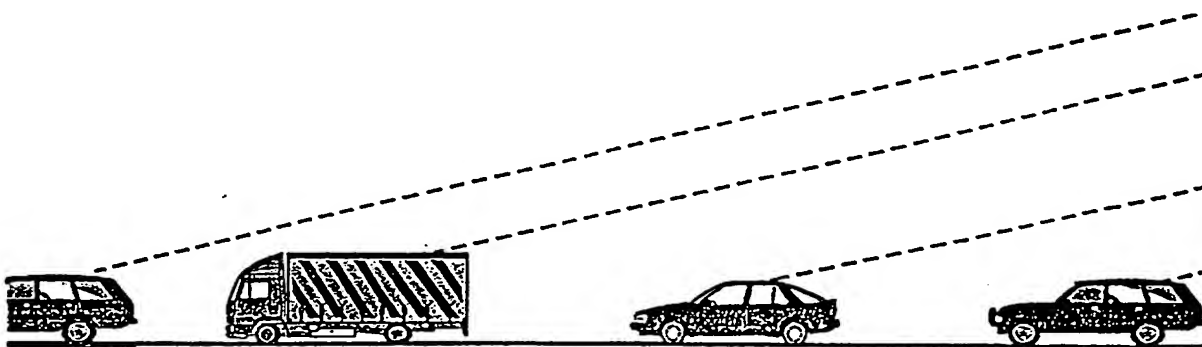


Figure 2 showing a intermittent Laser Beam

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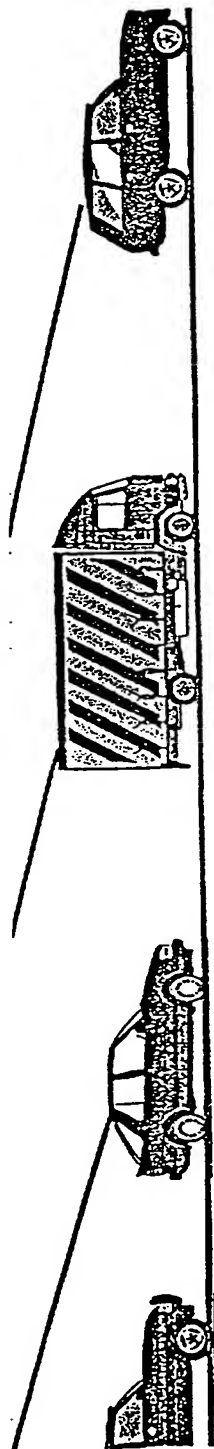


Figure 1 showing a continuous Laser Beam

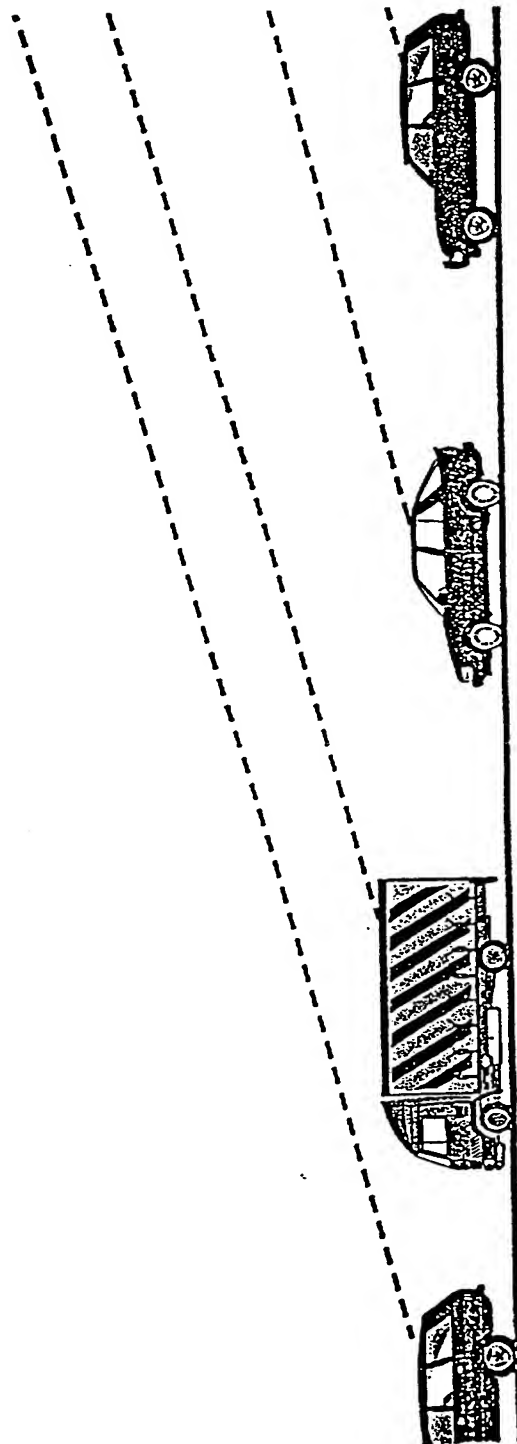


Figure 2 showing a intermittent Laser Beam

## SAFETY LASER

This invention relates to the Safety Laser.

Road traffic accidents are frequently caused as a result of drivers of transport not applying the brakes early enough. During adverse weather conditions, the problem of seeing the brake light of transport ahead, becomes more difficult, particularly when the traffic forms a continuous line ahead. Drivers in this situation will see only the vehicle break lights of the immediate transport ahead. This problem in itself may result in late breaking applications and possible accidents.

This present invention utilises the high intensity of light provided by a Laser Beam to penetrate through moisture particles in the atmosphere, over a greater distance than present methods of brake lighting illumination on all forms of transport.

The Laser is mounted upon the vehicle and is actuated by means of a Hazard Switch, controlled by the driver during appropriate adverse weather conditions. The resulting beam of light, which may be continuous (figure 1) or intermittent, (figure 2), coloured Red or Amber (depending on the nature of the hazardous condition applying) is directed in such a manner, (upwards or sideways away from following vehicles) so as not to be a danger to other drivers. See Sketch presentation on Page 2, Figures 1 & 2.

## CLAIMS

1. A Safety Laser beam is a beam of light controlled by a vehicle driver to give warning to other users on the highway that adverse conditions exist in the vicinity. It is operated by applying a switch by the driver when such hazardous driving conditions exist.
2. A Safety Laser beam as claimed in 1 above fitted to transport other than motor vehicles, such as marine craft.
3. A Safety Laser beam as claimed in 1 above fitted to aircraft.
4. A Safety Laser beam used by a person or persons to indicate ones position in hazardous conditions which may be operated by a hand controlled switch.